

Fig. 1

00553741.049600

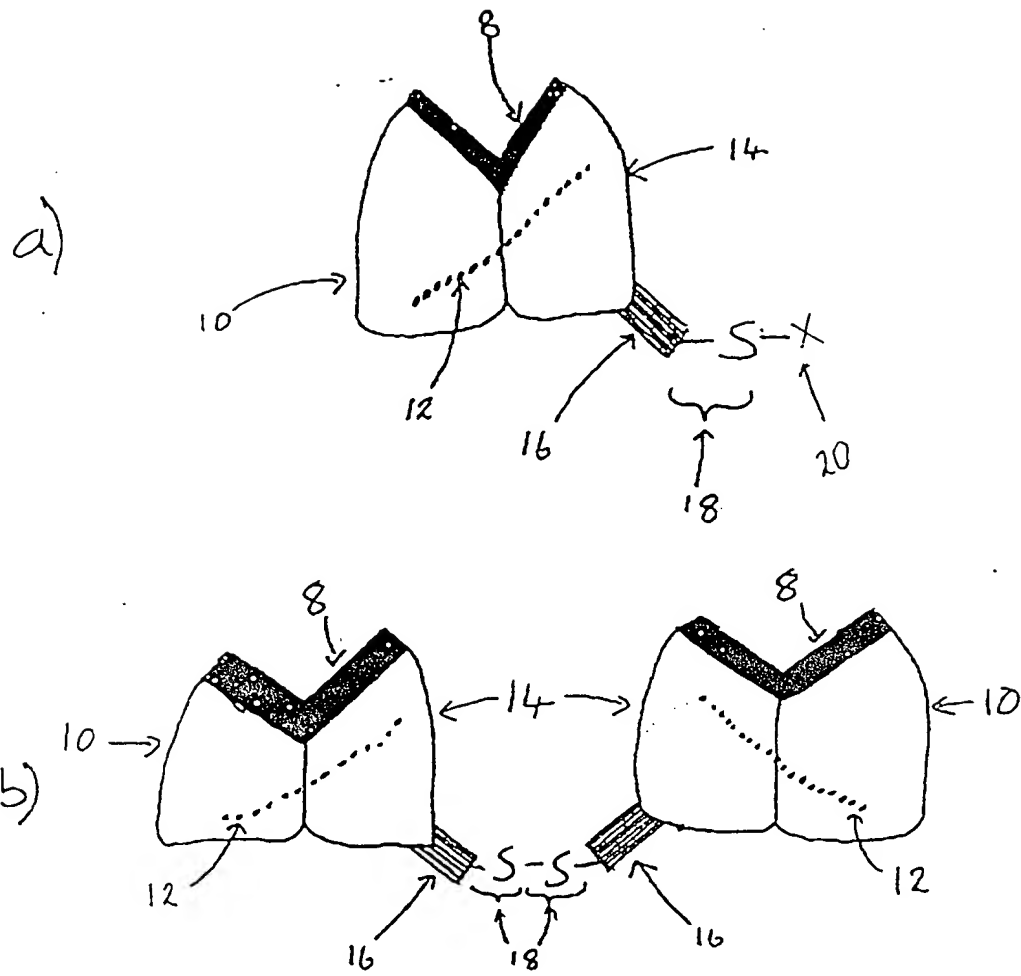


Fig. 2

0.2_{50nm}

00340-142850

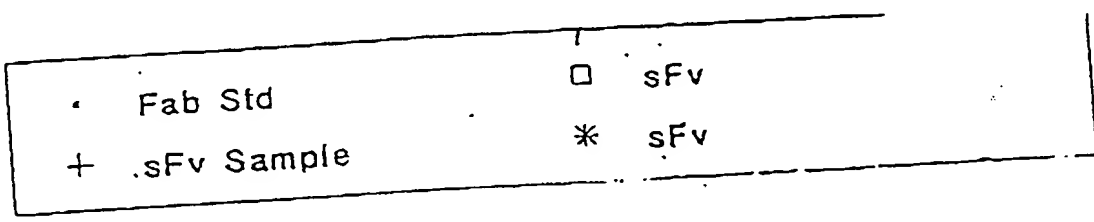
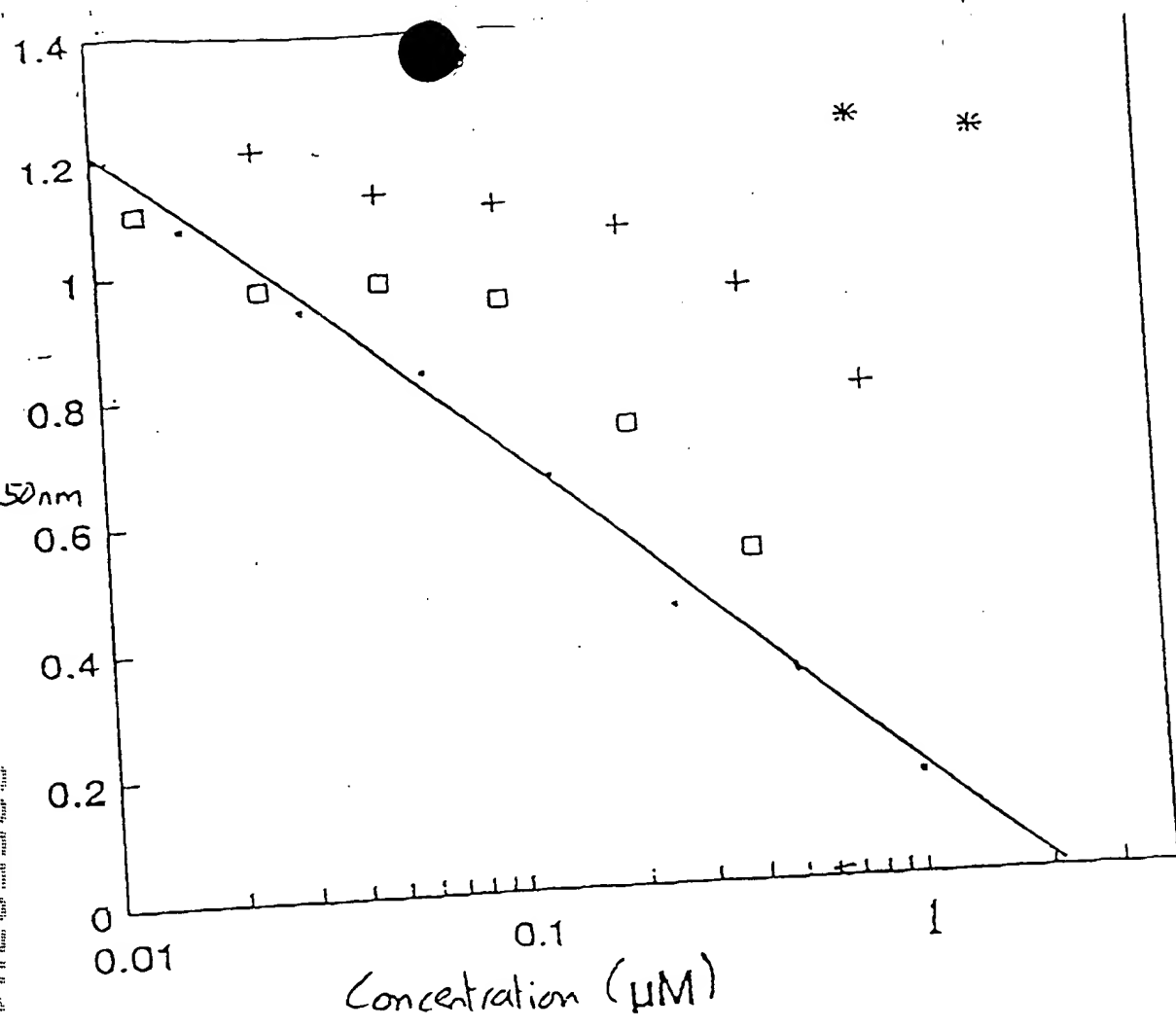


Fig. 3

FIGURE 4

Tumor:Organ Ratios of sFv' and (sFv')₂ Species

Organ	741F8 sFv'	741F8 (sFv') ²	741F8 (Gly ⁴ Cys-sFv') ²	741F8 MCA-(sFv') ²	26-10 (sFv') ²
Tumor	1.0	1.0	1.0	1.0	1.0
Liver	9.2	5.9	10.0	21.2	2.2
Spleen	13.4*	0.9	6.2	16.4	1.8
Kidney	1.6*	2.3	3.0	6.6	0.5
Lung	4.9*	0.6	6.4	9.3	1.4
Muscle	51.2*	100.0	74.6	92.9	15.0*
Heart	16.5	20.0	19.0	32.6	4.4
Stomach	2.7*	11.1	11.5	13.5	1.6*
Intestine	20.4*	25.0	30.7	26.5	5.3

*SEM< 40% of depicted value

FIGURE 5

Percentage of Injected Dose Per Gram of Tumor for
sFv' and (sFv')₂ Species.

<u>Organ</u>	741F8 sFv'	741F8 (sFv') ₂	741F8 (Gly ⁴ Cys-sFv') ₂	741F8 HCA-(sFv') ₂	26-10 (sFv') ₂
Tumor	1.00	1.00*	1.60	1.86	0.22
Liver	0.11	0.17	0.16	0.09	0.11
Spleen	0.10	1.05	0.26	0.12	0.13
Kidney	0.64	0.43	0.55	0.28	0.45
Lung	0.73	1.61*	0.26	0.22	0.18
Muscle	0.02	0.01	0.02	0.02	0.02
Heart	0.07	0.05	0.08	0.06	0.06
Stomach	0.49	0.09	0.17	0.15	0.22
Intestine	0.06	0.04	0.06	0.07	0.05

*SEM < 40% of depicted value

741F8

sFv-Ser-Cys

(sFv-Gly₄-Cys)₂

mCA-(sFv-Ser-Cys)₂

BMH-(sFv-Ser-Cys)₂

26-10

(sFv-Sc-Cys)₂

Monomer 1

Dimer 2

Dimer 3

Dimer 4

Fab 5

Dimer 6

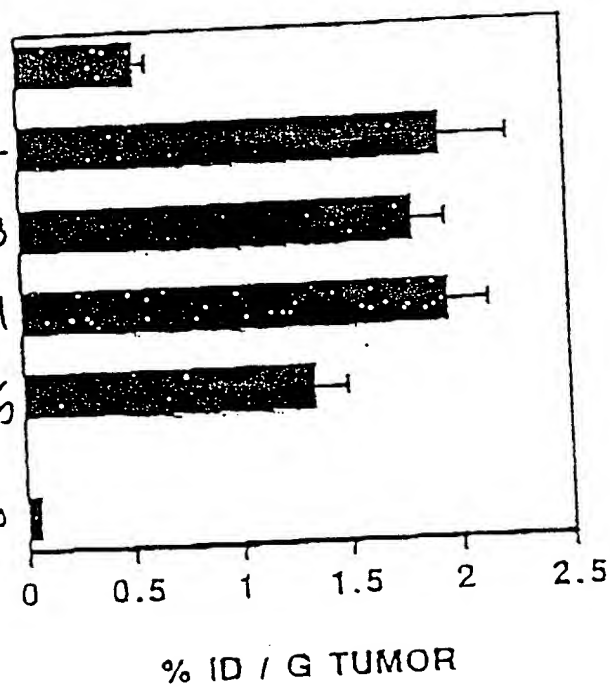


Fig 6

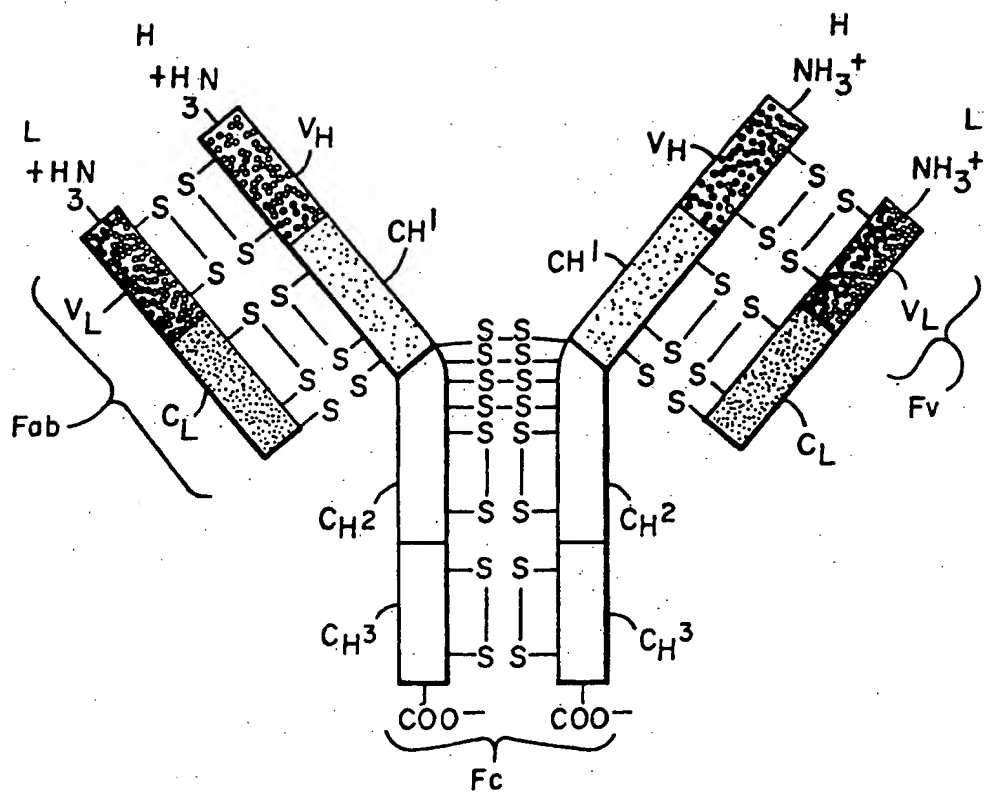


FIG. 7

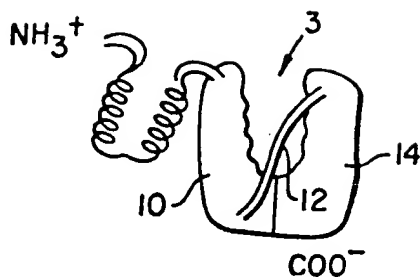


FIG. 8A

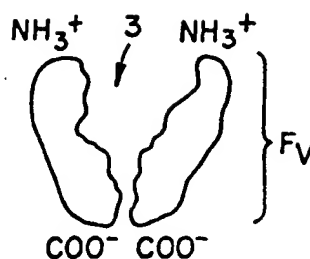


FIG. 8B

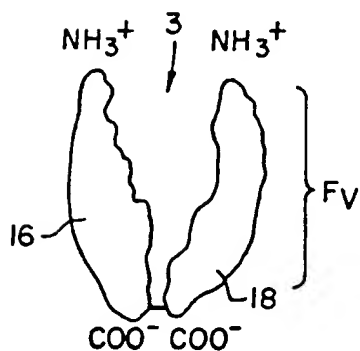


FIG. 8C

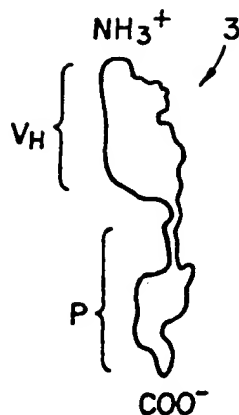


FIG. 8D